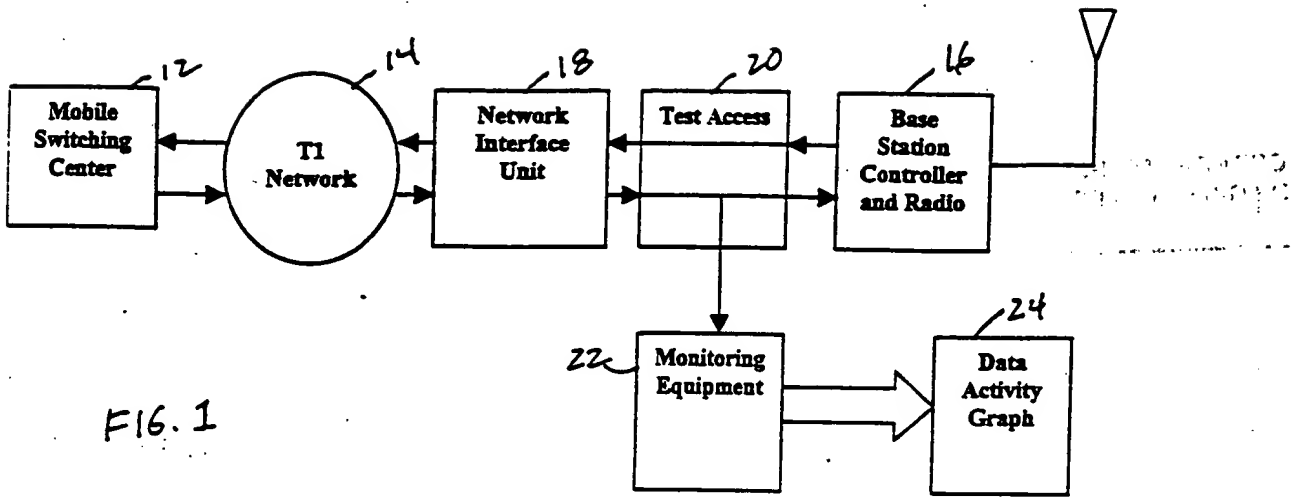

12
14
18
20
16
Mobile Switching Center
T1 Network
Network Interface Unit
Test Access
Base Station Controller and Radio
24
22
Monitoring Equipment
Data Activity Graph

FIG. 1

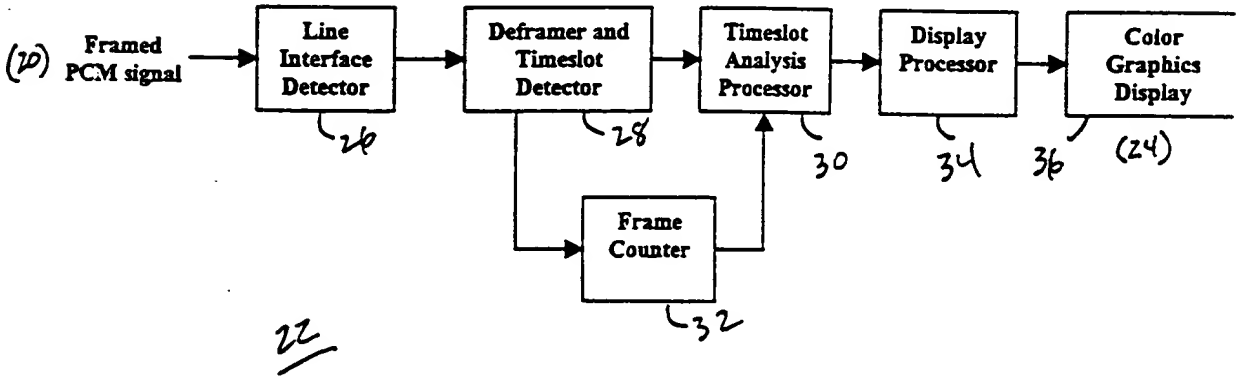

(20)
Framed PCM signal
Line Interface Detector
Deframer and Timeslot Detector
Timeslot Analysis Processor
Display Processor
Color Graphics Display
26
28
30
34
36
(24)
Frame Counter
32
22

FIG. 2

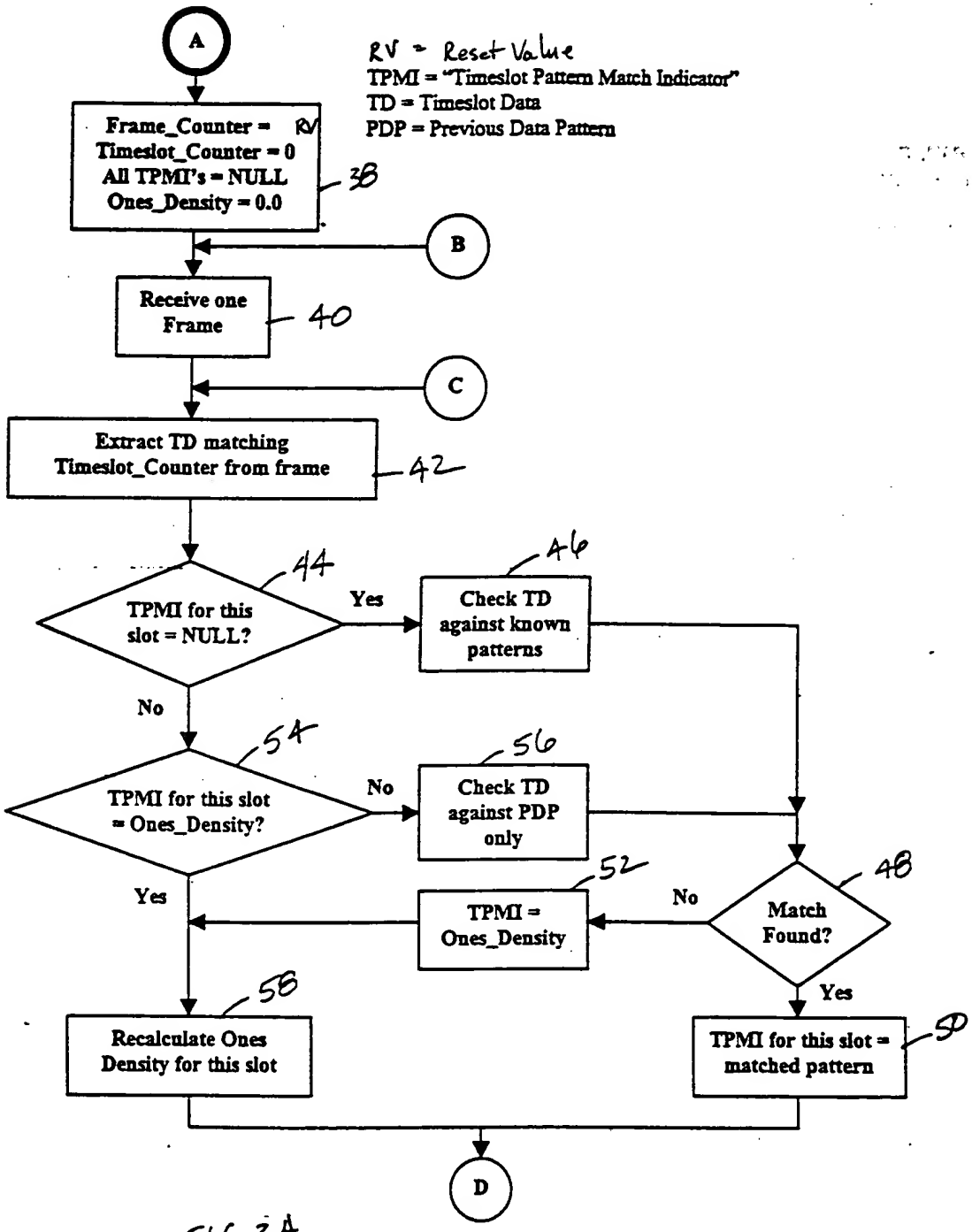

A
RV = Reset Value
TPMI = "Timeslot Pattern Match Indicator"
TD = Timeslot Data
PDP = Previous Data Pattern
Frame_Counter = RV
Timeslot_Counter = 0
All TPMI's = NULL
Ones_Density = 0.0
38
B
Receive one Frame
40
C
Extract TD matching Timeslot_Counter from frame
42
TPMI for this slot = NULL?
44
Yes
Check TD against known patterns
46
No
TPMI for this slot = Ones_Density?
54
No
Check TD against PDP only
56
Yes
TPMI = Ones_Density
52
No
Match Found?
48
Yes
Recalculate Ones Density for this slot
58
TPMI for this slot = matched pattern
50
D

FIG. 3A

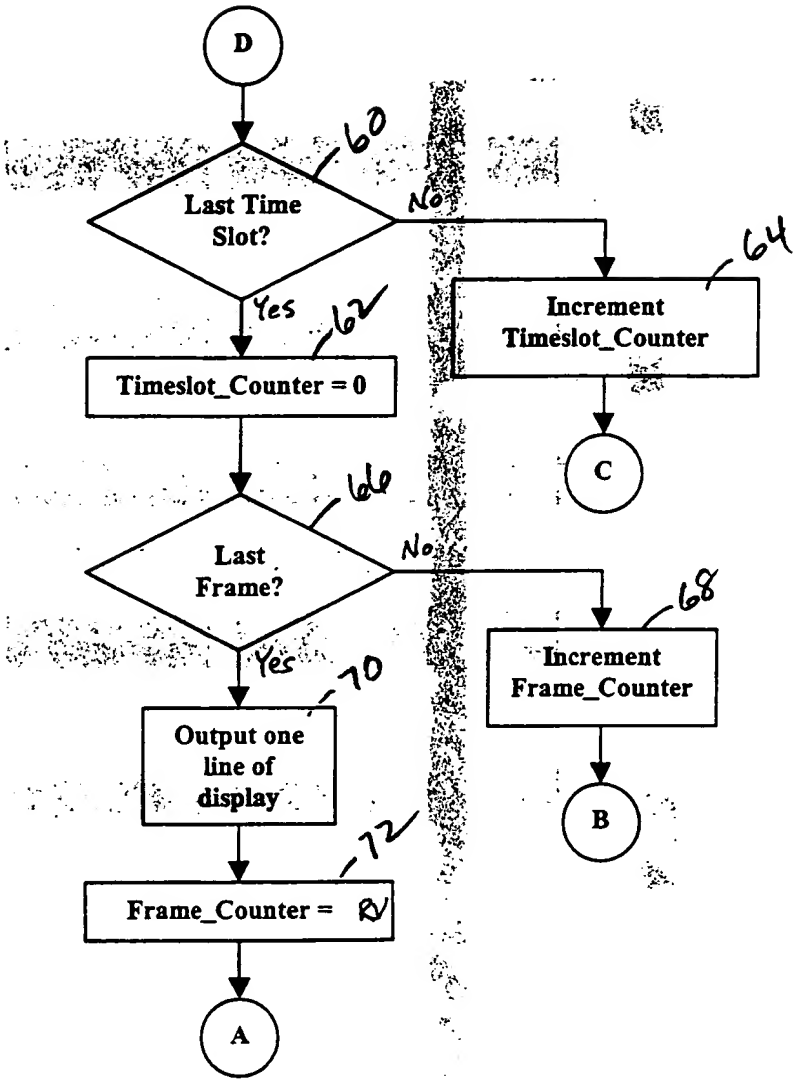
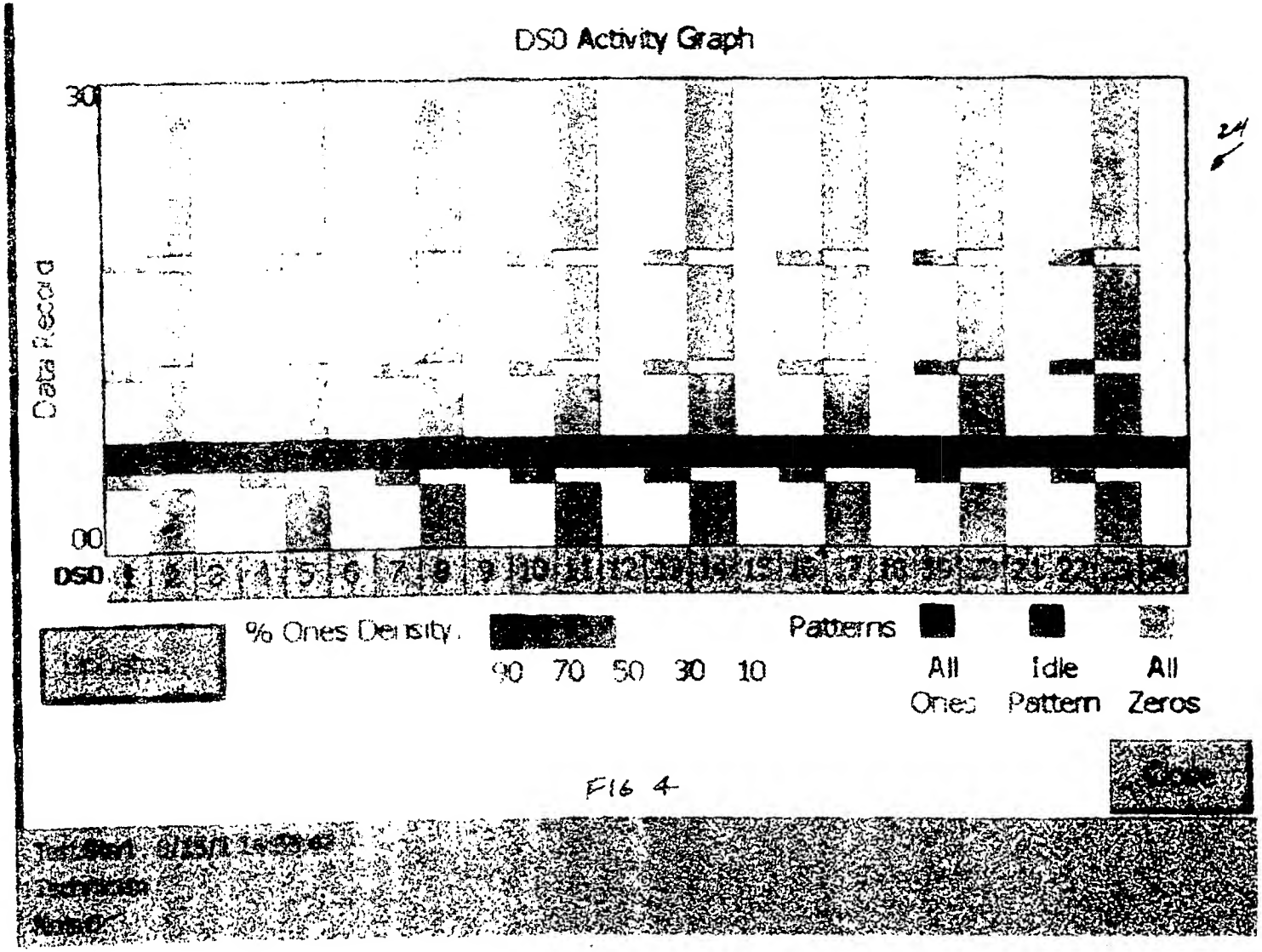


FIG. 3B

BEST AVAILABLE COPY

BEST AVAILABLE COPY



24

F16 4